

Rabbit anti-Mouse DISC1 Polyclonal Antibody | anti-DISC1 antibody

RABBIT ANTI DISC1

CATALOG # AAA50013	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Western Blot, Immunohistochemistry
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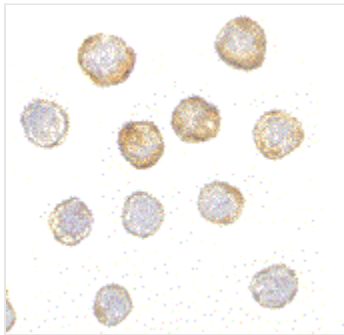
PRODUCT SYNONYMS

DISC1; Polyclonal Antibody; RABBIT ANTI DISC1; anti-DISC1 antibody

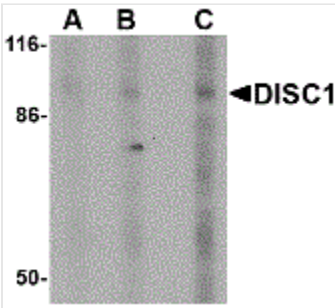
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	This item recognises disrupted in schizophrenia 1 (DISC1), 93kD protein located in the nucleus, cytoplasm and mitochondria. The DISC1 protein is widely expressed in normal tissues. It is involved in neurite outgrowth and cortical development through its interaction with a variety of proteins including lissencephaly-1 (LIS1), NudE-like (NUDEL) and phosphodiesterase 4B. In certain cases of schizophrenia the DISC1 gene has been found to be disrupted by a t(1;11) (q42.1;q14.3) translocation, and studies suggest that DISC1 could be a candidate susceptibility gene for this condition. This product has been found suitable for immunocytochemistry (ICC) at a concentration of 5ug/ml.
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	832
Applicable Applications for anti-DISC1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Perservative Stabilisers	0.02% Sodium Azide Preparation
Immunogen	An 18 amino acid peptide located near the centre of human DISC1. Buffer Solution
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data
Immunocytochemical staining of HeLa cells with Rabbit anti Human DISC1 (AAA50013)



Application Data
Western blot analysis of whole cell lysate from SK-N-SH human neuroblastoma cells probed with Rabbit anti Human DISC1 (AAA50013) at 0.5(A), 1(B) and 2(C) ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-DISC1 antibody	MBS222900 recognises disrupted in schizophrenia 1 (DISC1), 93kD protein located in the nucleus, cytoplasm and mitochondria. The DISC1 protein is widely expressed in normal tissues. It is involved in neurite outgrowth and cortical development through its interaction with a variety of proteins including lissencephaly-1 (LIS1), NudE-like (NUDEL) and phosphodiesterase 4B. In certain cases of schizophrenia the DISC1 gene has been found to be disrupted by a t(1;11) (q42.1;q14.3) translocation, and studies suggest that DISC1 could be a candidate susceptibility gene for this condition. This product has been found suitable for immunocytochemistry (ICC) at a concentration of 5ug/ml.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	61742825
NCBI GeneID	27185
NCBI Accession #	NP_001012975.1
NCBI GenBank Nucleotide #	NM_001012957.1
UniProt Accession #	Q9NRI5; O75045; Q5VT44; A6NLH2; C4P091; C4P095; C4P0A1; C4P0A3; C4P0B3; C4P0B6; C4P0C1; C9J6D0
Molecular Weight	22,198 Da
NCBI Official Full Name	disrupted in schizophrenia 1 protein isoform Lv
NCBI Official Synonym Full Names	disrupted in schizophrenia 1
NCBI Official Symbol	DISC1
NCBI Official Synonym Symbols	SCZD9; C1orf136
NCBI Protein Information	disrupted in schizophrenia 1 protein
UniProt Protein Name	Disrupted in schizophrenia 1 protein
UniProt Gene Name	DISC1
UniProt Synonym Gene Names	KIAA0457
UniProt Entry Name	DISC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.